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(54) ANTI-FOGGING GLASS

(57) Abstract:

PROBLEM TO BE SOLVED: To provide anti-fogging glass which is capable of exhibiting an anti-fogging effect even at a relatively low voltage, is applicable to curved glass as well and has good durability and weatherability as the anti-fogging glass which is applicable to glass of lighting windows of roof in cold climate areas or door glass, etc., of cold storage or refrigeration show cases for displaying foodstuffs, etc.

SOLUTION: This anti-fogging glass is constituted by fixing single or plural layers of transparent planar glass 3 to conductive glass 1 with electrodes, which is formed by combining the conductive glass 6 integrally formed with a thin layer-like conductive layer 5 on one surface of the transparent planar glass 4 and electrodes 7a, 7b of a slender sheet form installed apart prescribed intervals on the surface of the conductive layer of the conductive glass 6 and supplied with the electric power from a power source, by disposing its surface to face the surface on the conductive layer side and interposing spacers 2 therebetween. The anti-fogging glass is so constituted that the conductive layer is heated by energizing the conductive layer of the conductive glass from the electrodes of the conductive glass with the electrodes. As a result, the fogging of the glass surface by condensation of steam on

the glass surface may be removed or prevented by heating.

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